=> d his

(FILE 'HOME' ENTERED AT 14:35:09 ON 11 MAY 2005)

FILE 'CASREACT' ENTERED AT 14:35:21 ON 11 MAY 2005

L1 STRUCTURE UPLOADED
L2 3 S L1 SSS
L3 48 S L1 SSS FULL
L4 0 S L3 AND HEEL

=> d l1
L1 HAS NO ANSWERS
L1 STR

Gl Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

=>

=> d his

(FILE 'HOME' ENTERED AT 14:35:09 ON 11 MAY 2005)

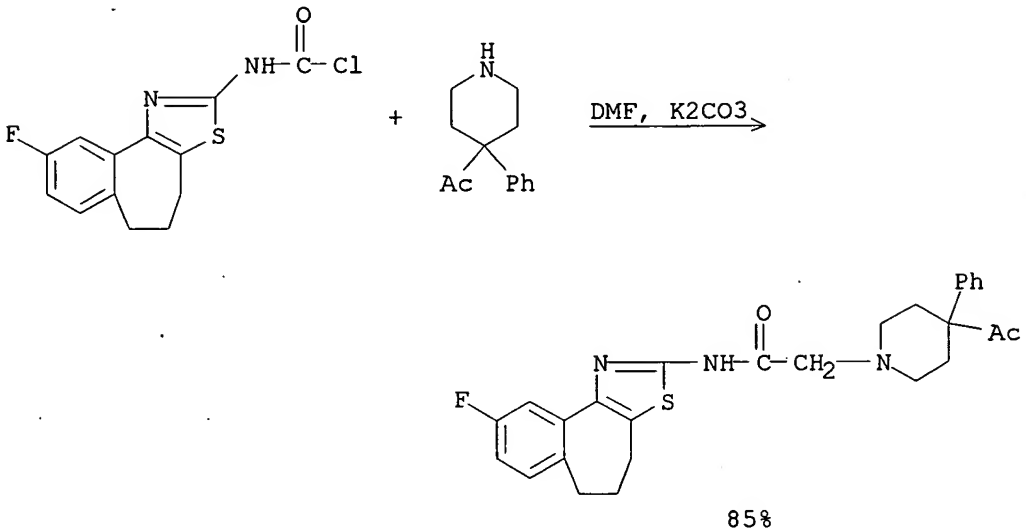
FILE 'CASREACT' ENTERED AT 14:35:21 ON 11 MAY 2005

L1 STRUCTURE UPLOADED
L2 3 S L1 SSS
L3 48 S L1 SSS FULL
L4 0 S L3 AND HEEL

=> d l3 1-48

L3 ANSWER 1 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(13) OF 269

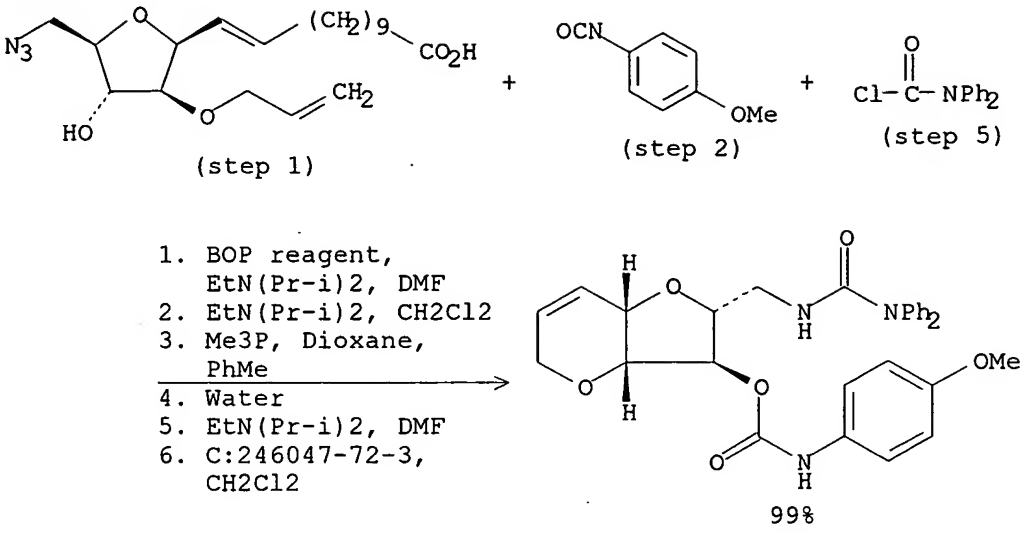


85%

REF: Bioorganic & Medicinal Chemistry Letters, 14(10), 2451-2457; 2004

L3 ANSWER 2 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

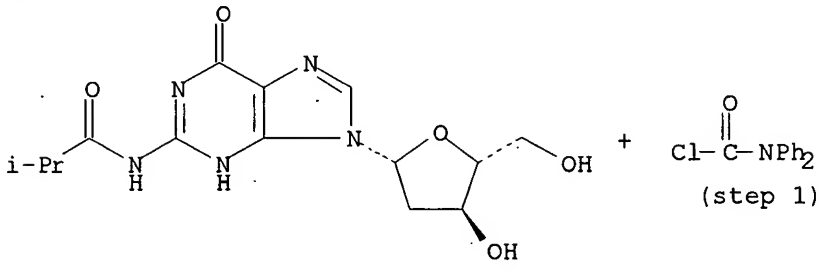
RX(13) OF 167



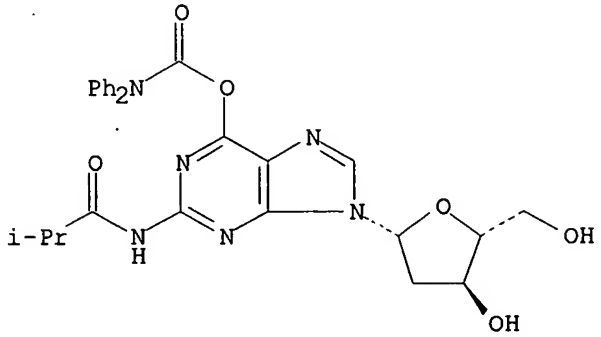
REF: Journal of Organic Chemistry, 68(24), 9406-9411; 2003
NOTE: combinatorial, solid-supported reaction, attachment to Rink amide resin in stage one, Staudinger redn. in stage 3

L3 ANSWER 3 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(35) OF 143



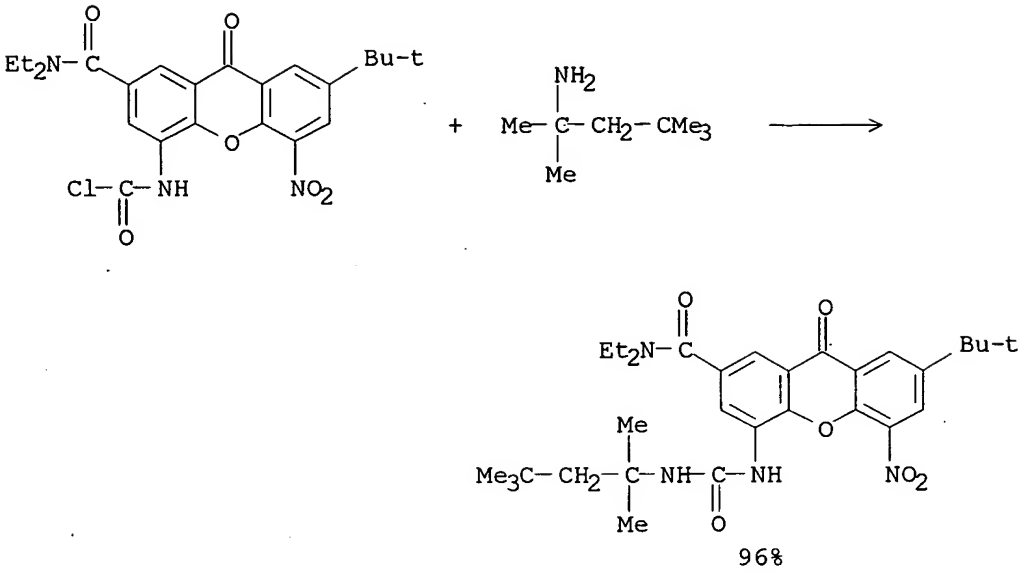
RX(35) OF 143



REF: Journal of the American Chemical Society, 125(44), 13427-13441; 2003

L3 ANSWER 4 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(3) OF 66



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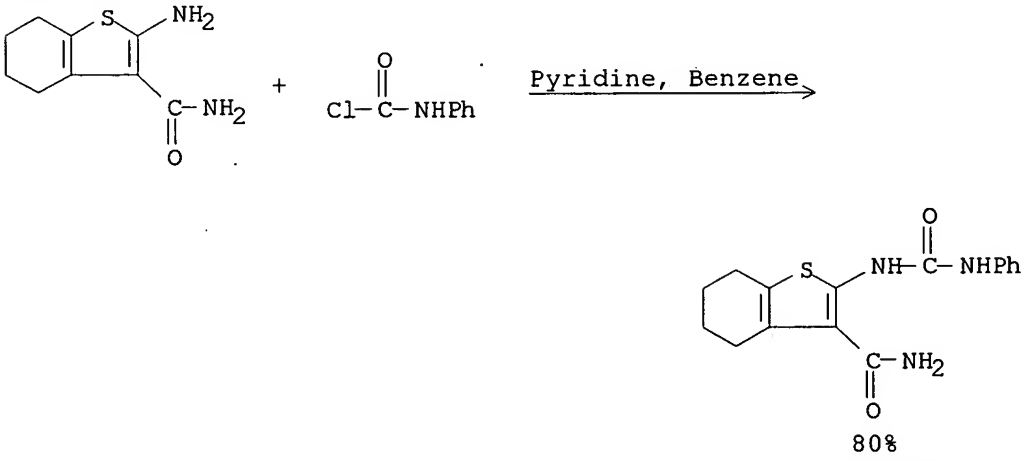
REF: Tetrahedron Letters, 44(37), 6983-6985; 2003

L3 ANSWER 5 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(2) OF 6



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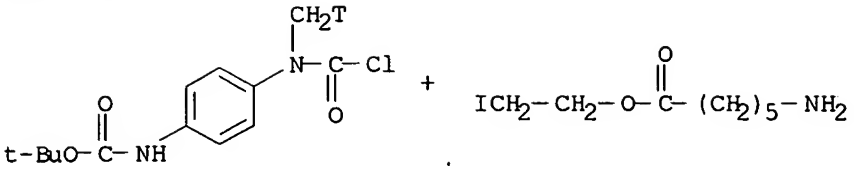
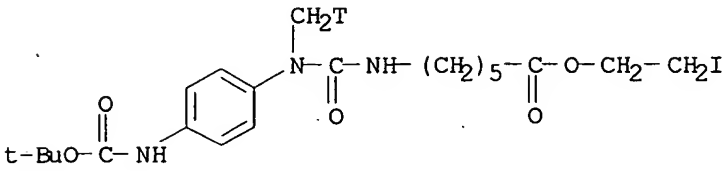
REF: Journal of Biological Chemistry, 278(37), 35079-35085; 2003

L3 ANSWER 6 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(4) OF 21





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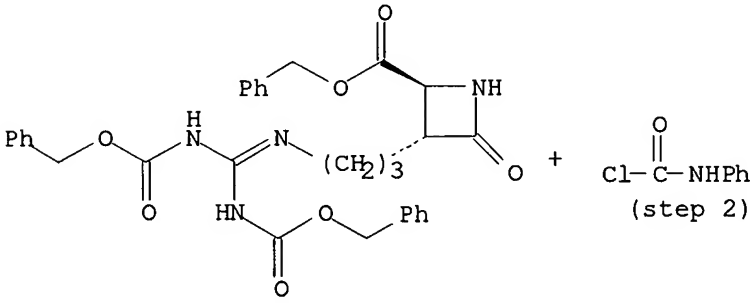
REF: Journal of Labelled Compounds & Radiopharmaceuticals, 45(11), 943-953; 2002

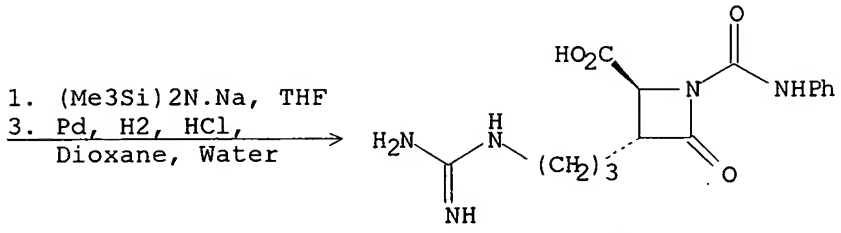
L3 ANSWER 7 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(5) OF 61



(step 1)

(step 2)



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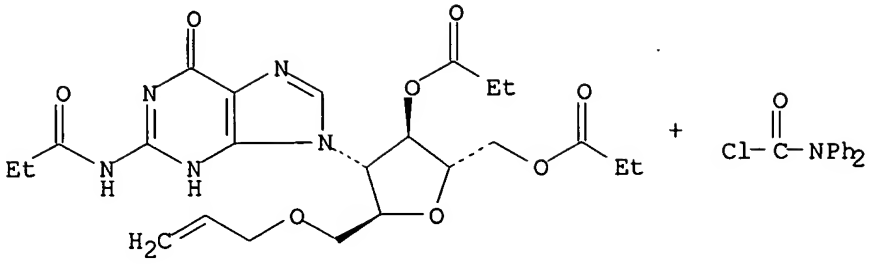
REF: Bioorganic & Medicinal Chemistry Letters, 12(21), 3229-3233; 2002

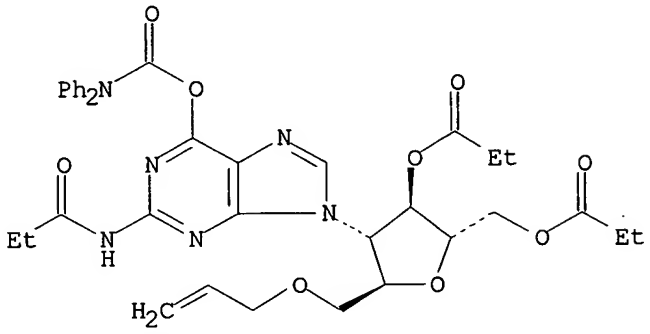
L3 ANSWER 8 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(8) OF 145



EtN(Pr-i)2, Pyridine

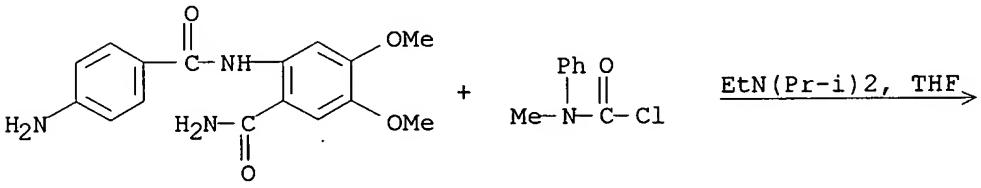
RX(8) OF 145



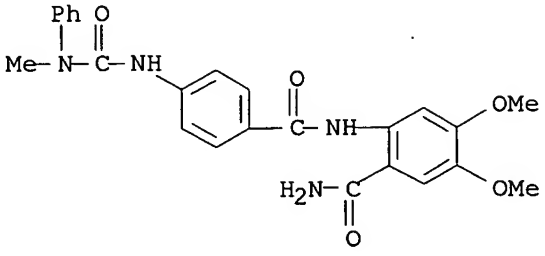
REF: Nucleic Acids Research, 30(13), 3005-3014; 2002

L3 ANSWER 9 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(4) OF 79



EtN(Pr-i)2, THF

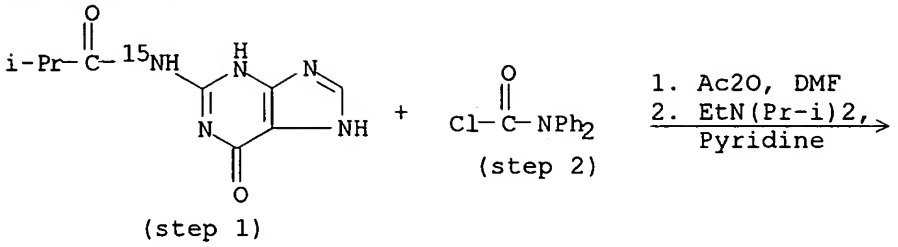


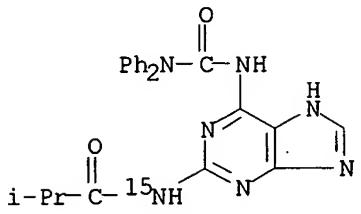
42%

REF: Bioorganic & Medicinal Chemistry, 10(6), 1865-1871; 2002

L3 ANSWER 10 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(9) OF 151





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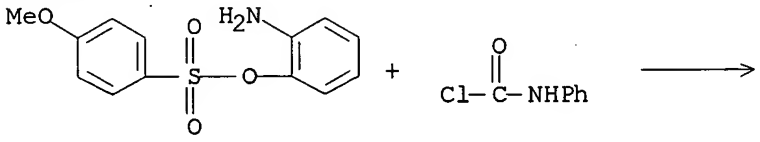
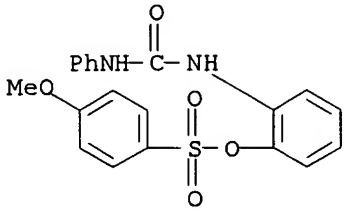
REF: Journal of Labelled Compounds & Radiopharmaceuticals, 44(11), 763-783; 2001

L3 ANSWER 11 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(22) OF 44

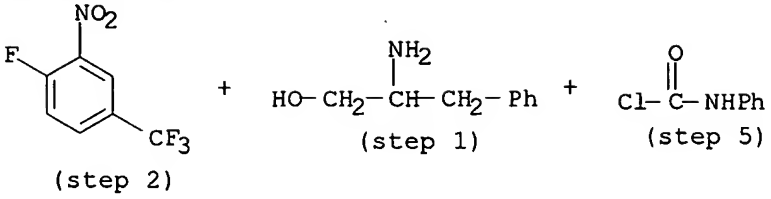




REF: Bioorganic & Medicinal Chemistry Letters, 11(13), 1671-1673; 2001
NOTE: no exptl. detail, reactant assumed

L3 ANSWER 12 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

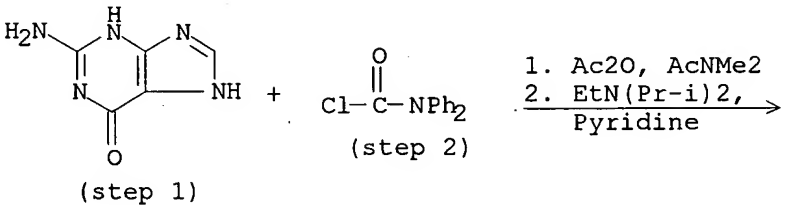
RX(9) OF 10

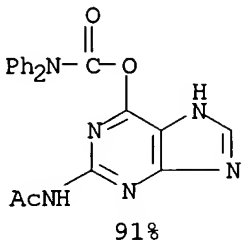


REF: Tetrahedron Letters, 42(13), 2443-2446; 2001
NOTE: solid-supported reaction, combinatorial

L3 ANSWER 13 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 29





REF: Tetrahedron, 57(18), 4035-4038; 2001

L3 ANSWER 14 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(5) OF 16 - REACTION DIAGRAM NOT AVAILABLE

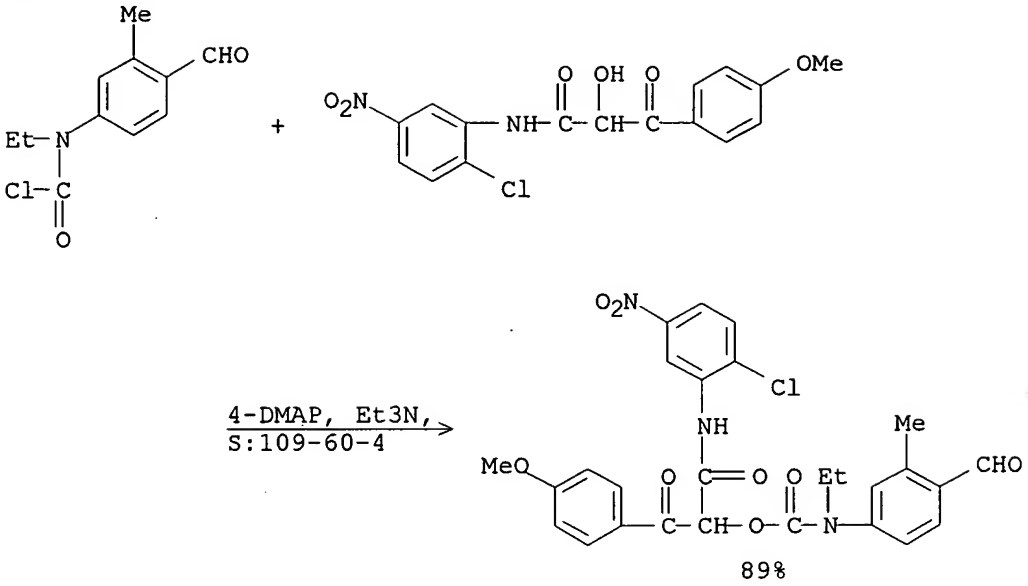
L3 ANSWER 15 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

L3 ANSWER 16 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

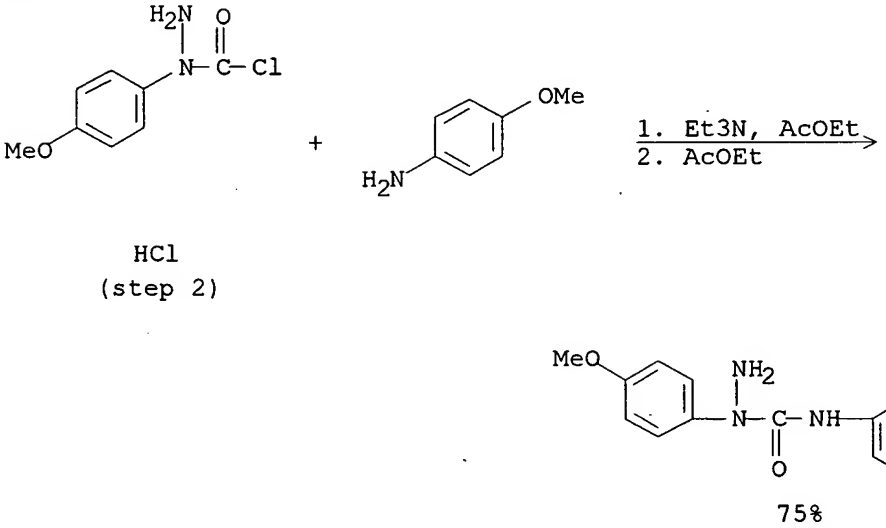
RX(7) OF 19



REF: Eur. Pat. Appl., 1016653, 05 Jul 2000

L3 ANSWER 17 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

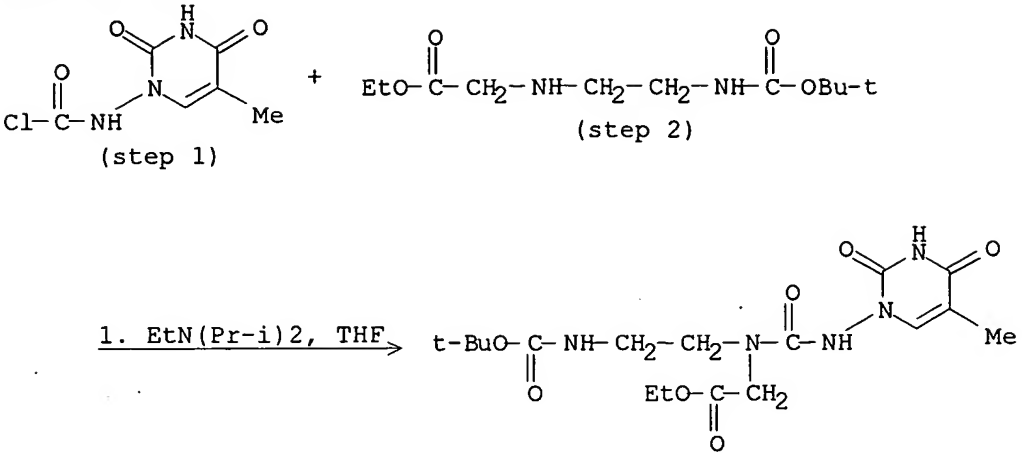
RX(3) OF 9



REF: Journal of the Chinese Chemical Society (Taipei), 47(1), 227-240; 2000

L3 ANSWER 18 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

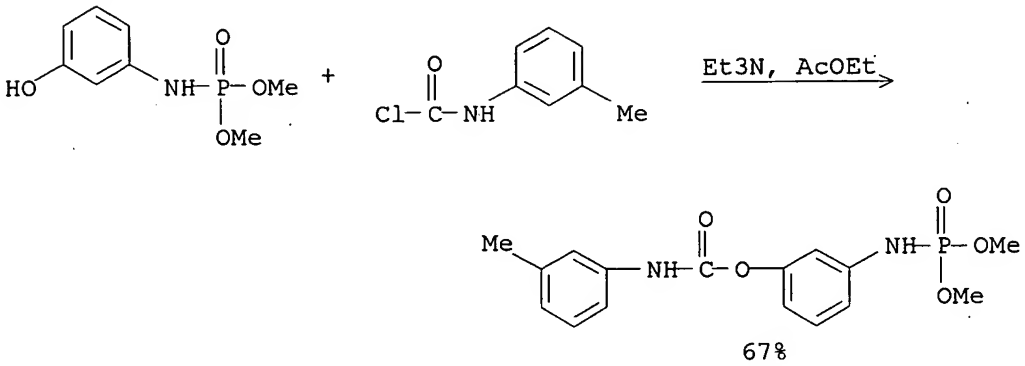
RX(6) OF 39



REF: PCT Int. Appl., 9425477, 10 Nov 1994

L3 ANSWER 19 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

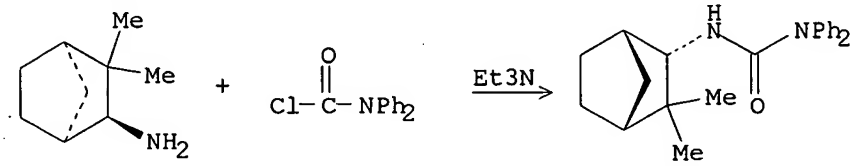
RX(2) OF 6



REF: Godishnik na Sofiiskiya Universitet Sv. Kliment Okhridski, Khimicheski Fakultet, 1984, 78,, 279-83; 1988

L3 ANSWER 20 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

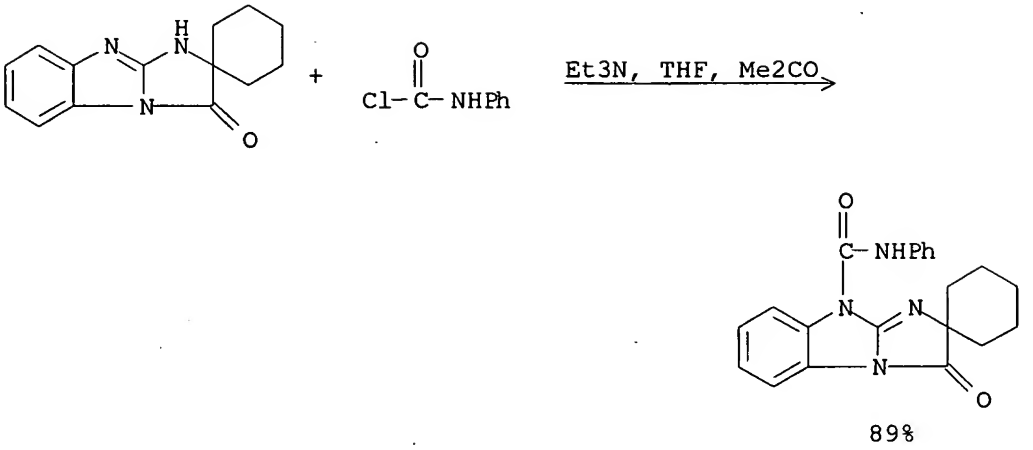
RX(20) OF 33



REF: Archiv der Pharmazie (Weinheim, Germany), 323(6), 367-73; 1990

L3 ANSWER 21 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

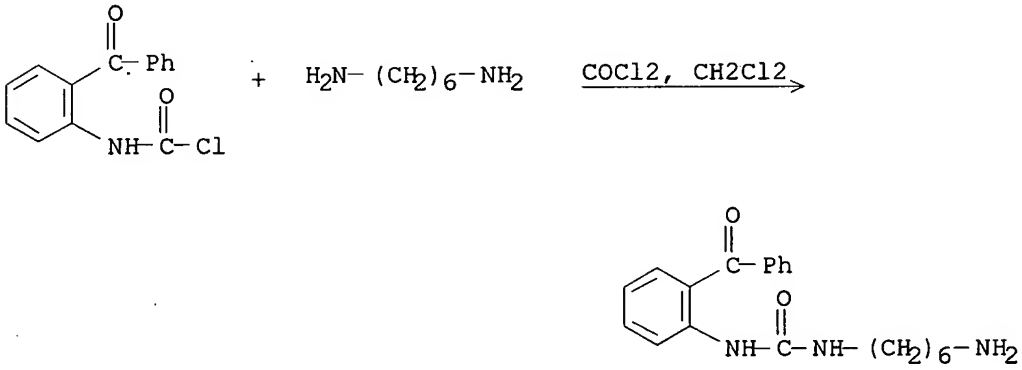
RX(18) OF 119



REF: Journal fuer Praktische Chemie (Leipzig), 332(1), 83-92; 1990
NOTE: either solvent used

L3 ANSWER 22 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(2) OF 2



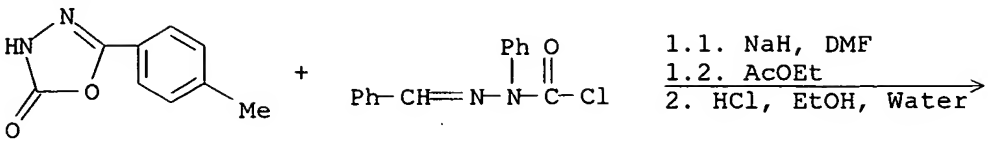
REF: Zhurnal Obshchei Khimii, 59(4), 891-5; 1989

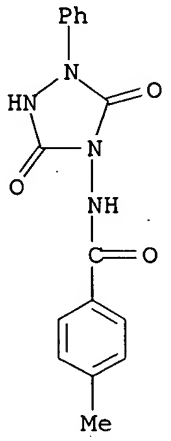
L3 ANSWER 23 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 1 - REACTION DIAGRAM NOT AVAILABLE

L3 ANSWER 24 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(38) OF 189 - 2 STEPS





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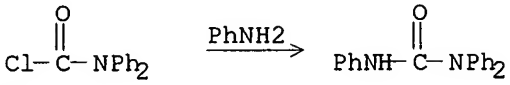
REF: Journal of Heterocyclic Chemistry, 26(1), 231-6; 1989

L3 ANSWER 25 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

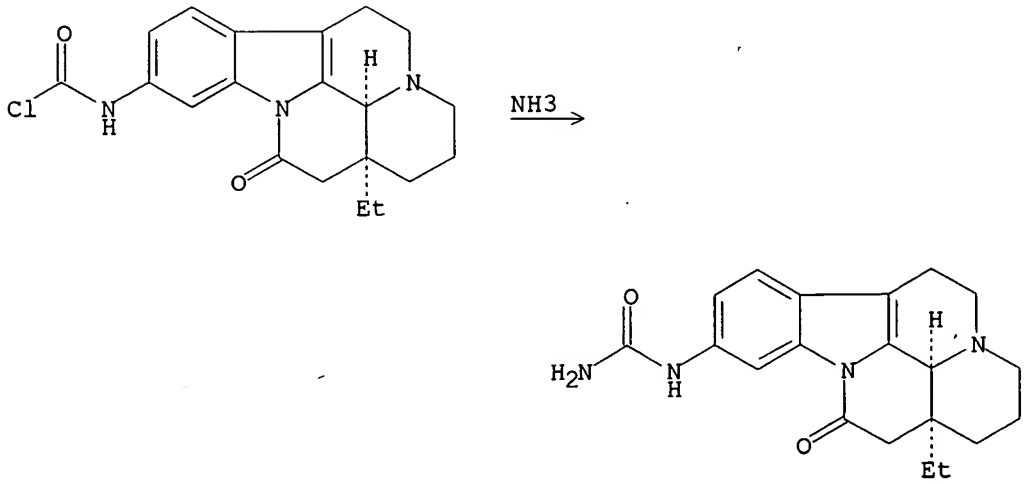
RX(1) OF 4



REF: U.S., 4797419, 10 Jan 1989

L3 ANSWER 26 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

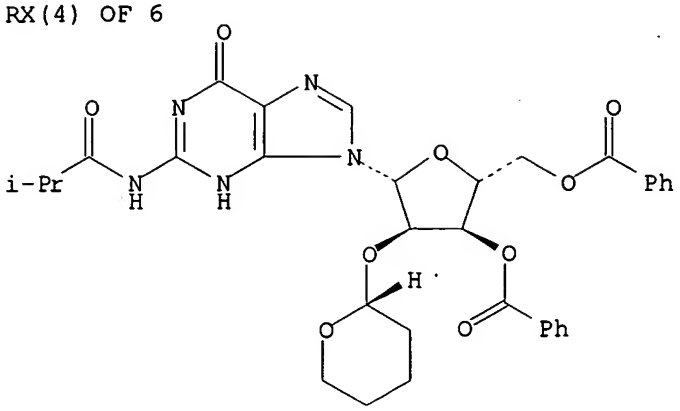
RX(17) OF 30



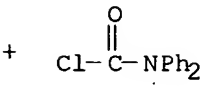
REF: European Journal of Medicinal Chemistry, 22(6), 511-20; 1987

L3 ANSWER 27 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(4) OF 6



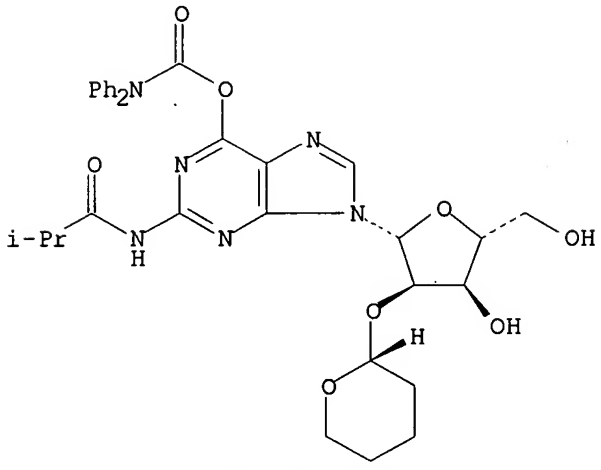
(step 1)
stereoisomers



(step 1)

1. EtN(Pr-i)2, Pyridine
2. NaOH, Pyridine, EtOH, Water

RX(4) OF 6

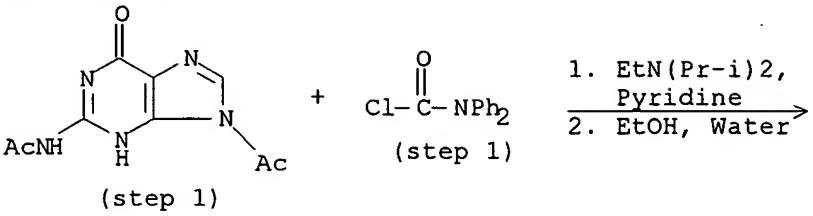


stereoisomers

REF: Nucleosides & Nucleotides, 7(1), 37-43; 1988
NOTE: 74% Overall

L3 ANSWER 28 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

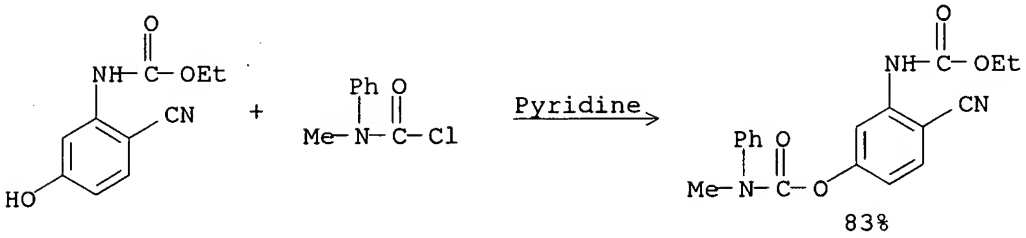
RX(1) OF 24



REF: Canadian Journal of Chemistry, 65(6), 1436-7; 1987

L3 ANSWER 29 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

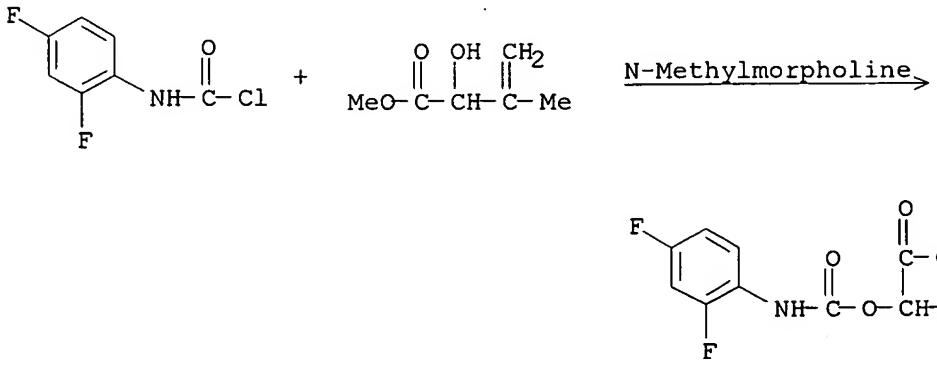
RX(9) OF 44



REF: Monatshefte fuer Chemie, 118(2), 217-28; 1987

L3 ANSWER 30 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

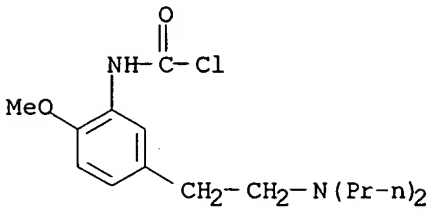
RX(12) OF 77



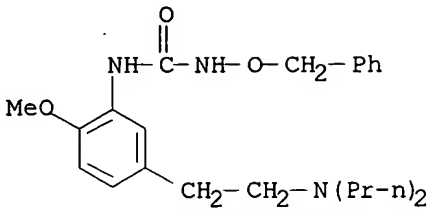
REF: PCT Int. Appl., 8702357, 23 Apr 1987

L3 ANSWER 31 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(29) OF 327



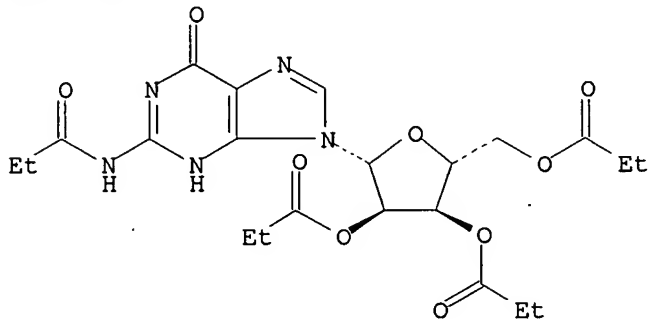
PhCH2ONH2, CHCl3



REF: Journal of Medicinal Chemistry, 30(7), 1166-76; 1987

L3 ANSWER 32 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 7



(step 1)

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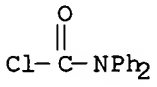
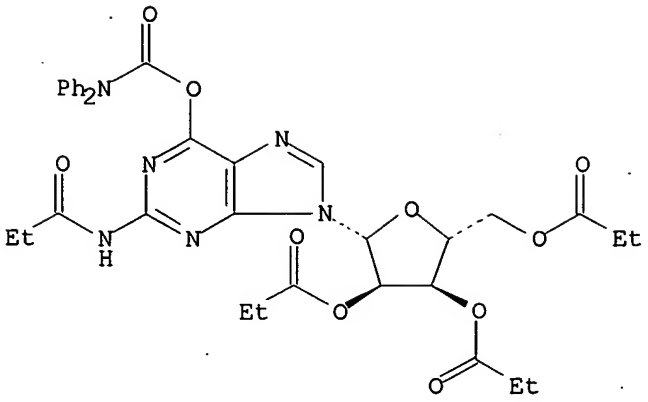


(step 2)

1. (Bu3Sn)2O, Benzene
2. Pyridine

RX(1) OF 7



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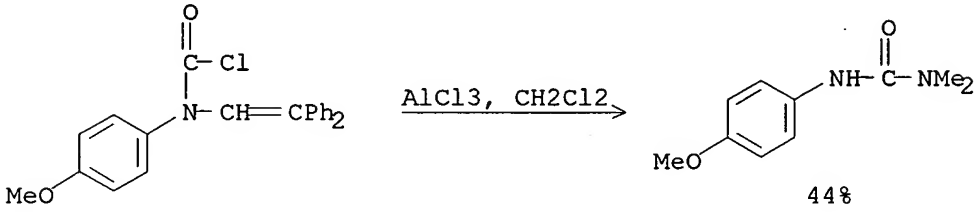
REF: Tetrahedron Letters, 27(34), 4047-50; 1986

L3 ANSWER 33 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(7) OF 28



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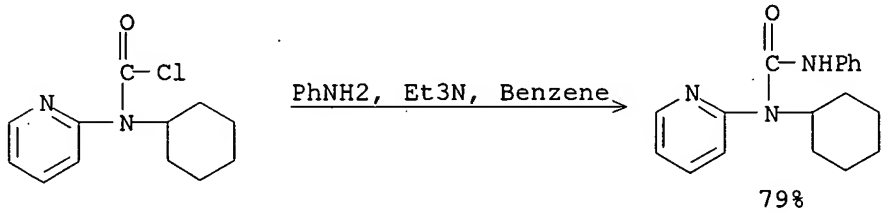
REF: Zhurnal Organicheskoi Khimii, 22(8), 1706-11; 1986

L3 ANSWER 34 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(16) OF 45



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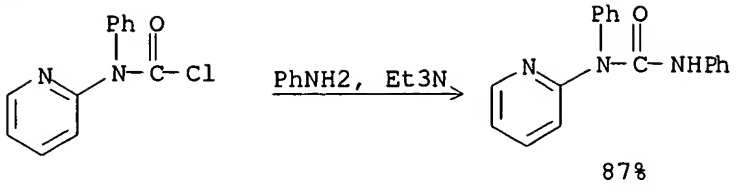
REF: Journal fuer Praktische Chemie (Leipzig), 328(3), 401-6; 1986

L3 ANSWER 35 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(14) OF 43



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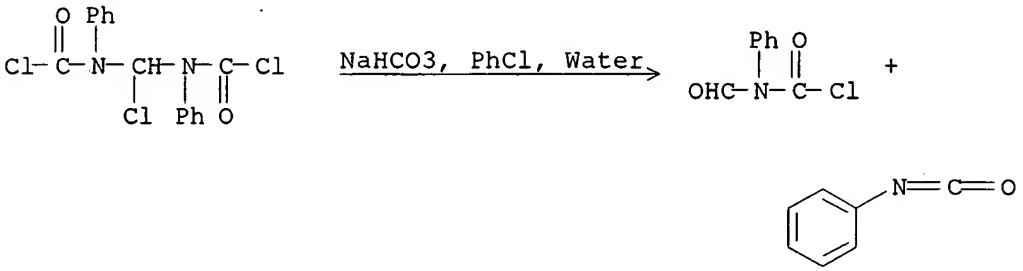
REF: Journal fuer Praktische Chemie (Leipzig), 328(3), 393-400; 1986

L3 ANSWER 36 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

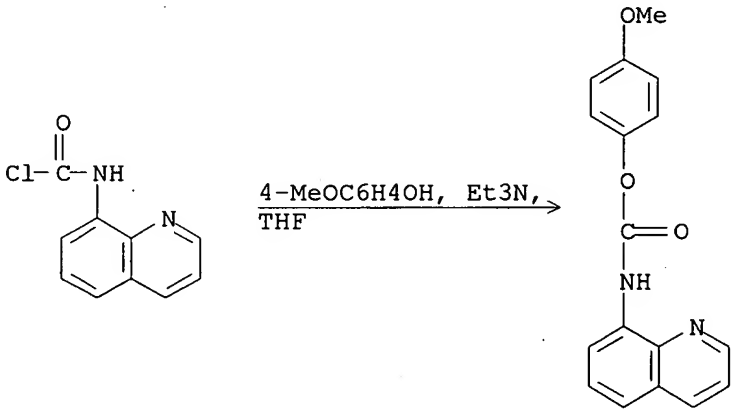
RX(2) OF 27



REF: Journal of Organic Chemistry, 51(23), 4483-5; 1986

L3 ANSWER 37 OF 48 CASREACT COPYRIGHT 2005 ACS on STN

RX(10) OF 46



REF: Journal of Medicinal Chemistry, 30(1), 62-7; 1987

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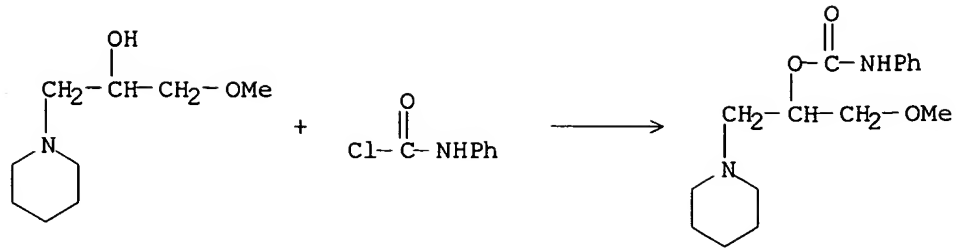
RX(1) OF 1



REF: Czech., 228301, 15 Sep 1986

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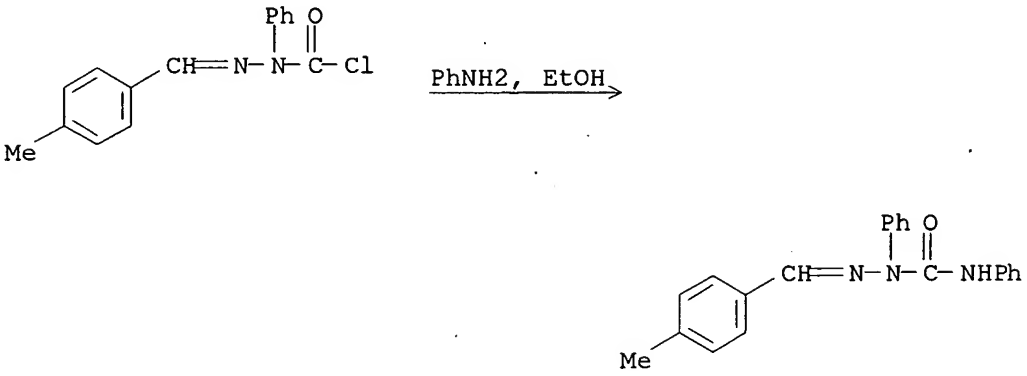

REF: Journal of Heterocyclic Chemistry, 22(5), 1383-8; 1985

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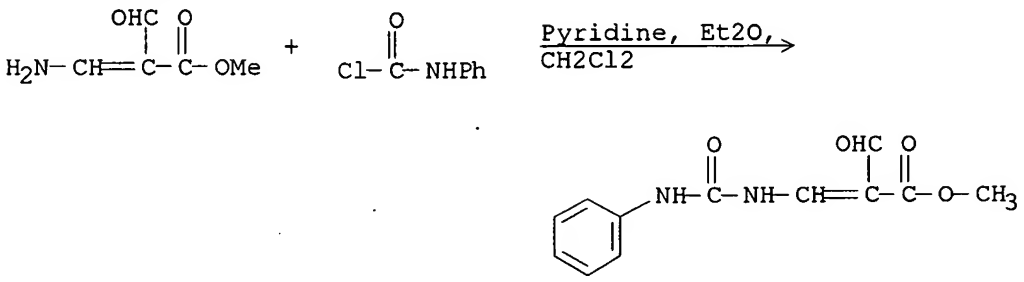
RX(7) OF 40



REF: Tetrahedron Letters, 26(43), 5273-6; 1985

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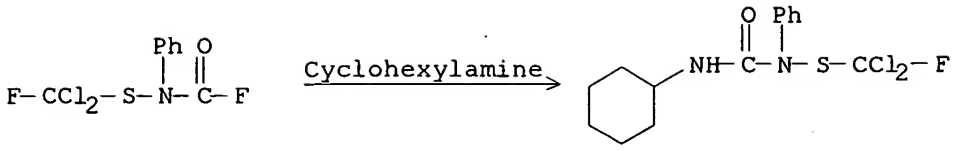

REF: Ger. Offen., 3207474, 15 Sep 1983

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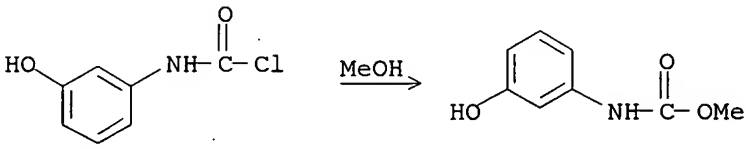
RX(2) OF 6



REF: Ger. Offen., 3229589, 24 Feb 1983

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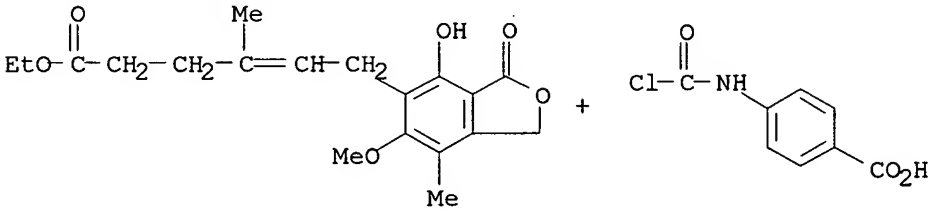
RX(1) OF 3



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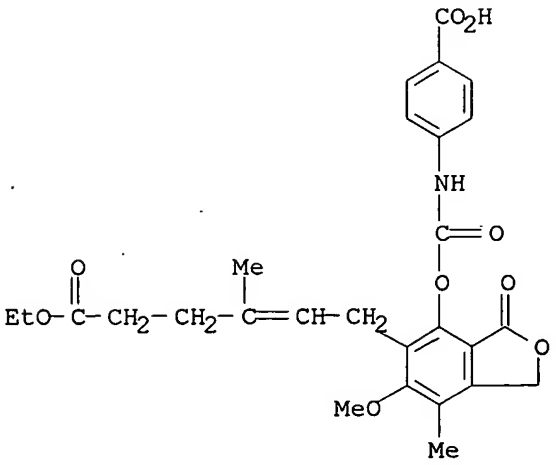

REF: Jpn. Kokai Tokkyo Koho, 57024340, 08 Feb 1982, Showa

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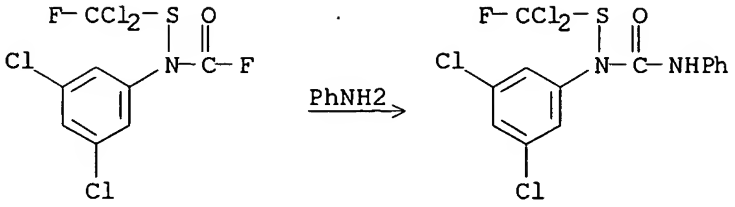

REF: Eur. Pat. Appl., 46557, 03 Mar 1982

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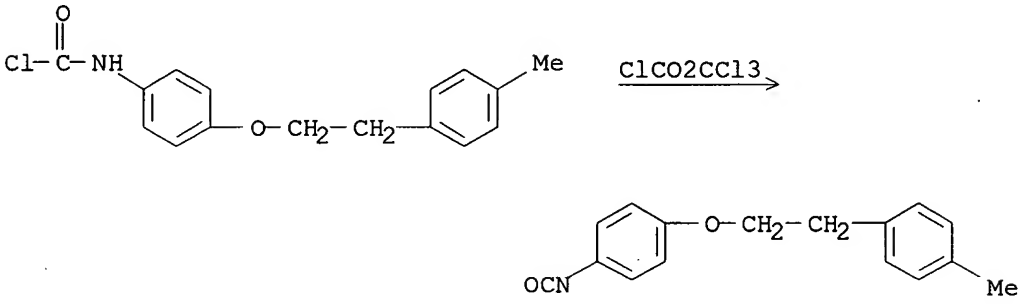
RX(16) OF 87



REF: Eur. Pat. Appl., 3835, 05 Sep 1979

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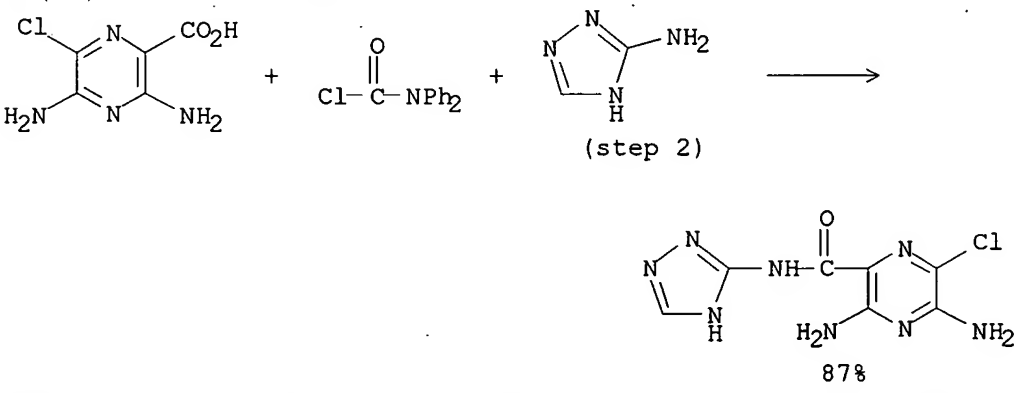
RX(19) OF 23 - 2 STEPS



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REF: Journal of Heterocyclic Chemistry, 16(2), 321-5; 1979

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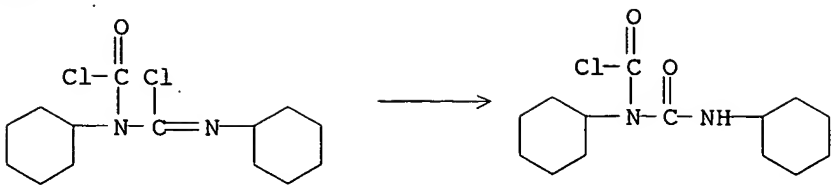
RX(3) OF 9



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REF: Journal of Organic Chemistry, 43(23), 4530-2; 1978

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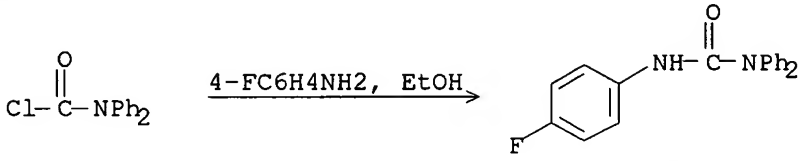
RX(1) OF 1



88%

REF: Journal of Medicinal & Pharmaceutical Chemistry, 3,, 99-110; 1961
NOTE: Classification: N-Acylation; # Conditions: EtOH Rf 16h

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